TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE CUSTOMER NO. 22,852 (DO/EO/US) ATTORNEY'S DOCKET NUMBER: 09013.0010 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 nown, see 37 CFR 1.5 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/US2005/006114 February 24, 2005 February 24, 2004 TITLE OF INVENTION: ANALYSIS AND SCREENING OF SOLID FORMS USING THE ATOMIC PAIR DISTRIBUTION FUNCTION APPLICANTS FOR DO/EO/US: 1) Simon BATES and 2) Igor IVANISEVIC Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4 The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. b. is not required, as the application was filed with the United States Receiving Office (RO/US). C. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. C. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 9. 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: 11. Information Disclosure Statement under 37 CFR 1.97 and 1.98 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A Substitute specification. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1,821-1,825. A second copy of the published International Application under 35 U.S.C. 154 (d)(4). 19. A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). 20. Other items or information: Copy of cover page of International Publication No. WO 2005/08205 A2. Copy of Notification of Missing Requirements. d. 

## IAP9 Rec'd PCT/PTO 22 AUG 2006

U.S. APPLICATION OF THE PROPERTY OF A CFR 1.5) Not Year a great of the control of		INTERNATIONAL APPLICATION NO. PCT/US2005/006114			ATTORNEY'S DOCKET NUMBER 09013.0010	
The following fees have been submitted:					CALCULATIONS	PTO Use Only
21. 🛛 BASIC NATIONAL FEE (37 CFR 1.492(a)):					\$300.00	Only
22. 🛭 Examination fee (37CFR 1.492(c))						
If the Written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$200.00	
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$400.00	
TOTAL of 21, 22 and 23 =					\$900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	Number of each additional thereof (round up to a who				
20 - 100 =					\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total Claims	14 - 20 =	· · · · · · · · · · · · · · · · · · ·	x \$50.00		\$	
Independent Claims 4 -3 = 1 x \$200.00				\$200.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00					\$	
					\$1100.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					\$	
SUBTOTAL =					\$1100.00	٠
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(i)).					\$	
TOTAL NATIONAL FEE =					\$1100.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.					\$	
TOTAL FEES ENCLOSED =					\$1100.00	
					Amount to be refunded:	\$
a. ☑ A check in the amount of \$ 1100.00 to cover the above fees is enclosed.					charged:	\$
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been metha petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 EFC/FPD/sci     COUNDED   Manual   Manua						
DATED: August 22, 2006  NAME/REGISTRATION NUMBER						